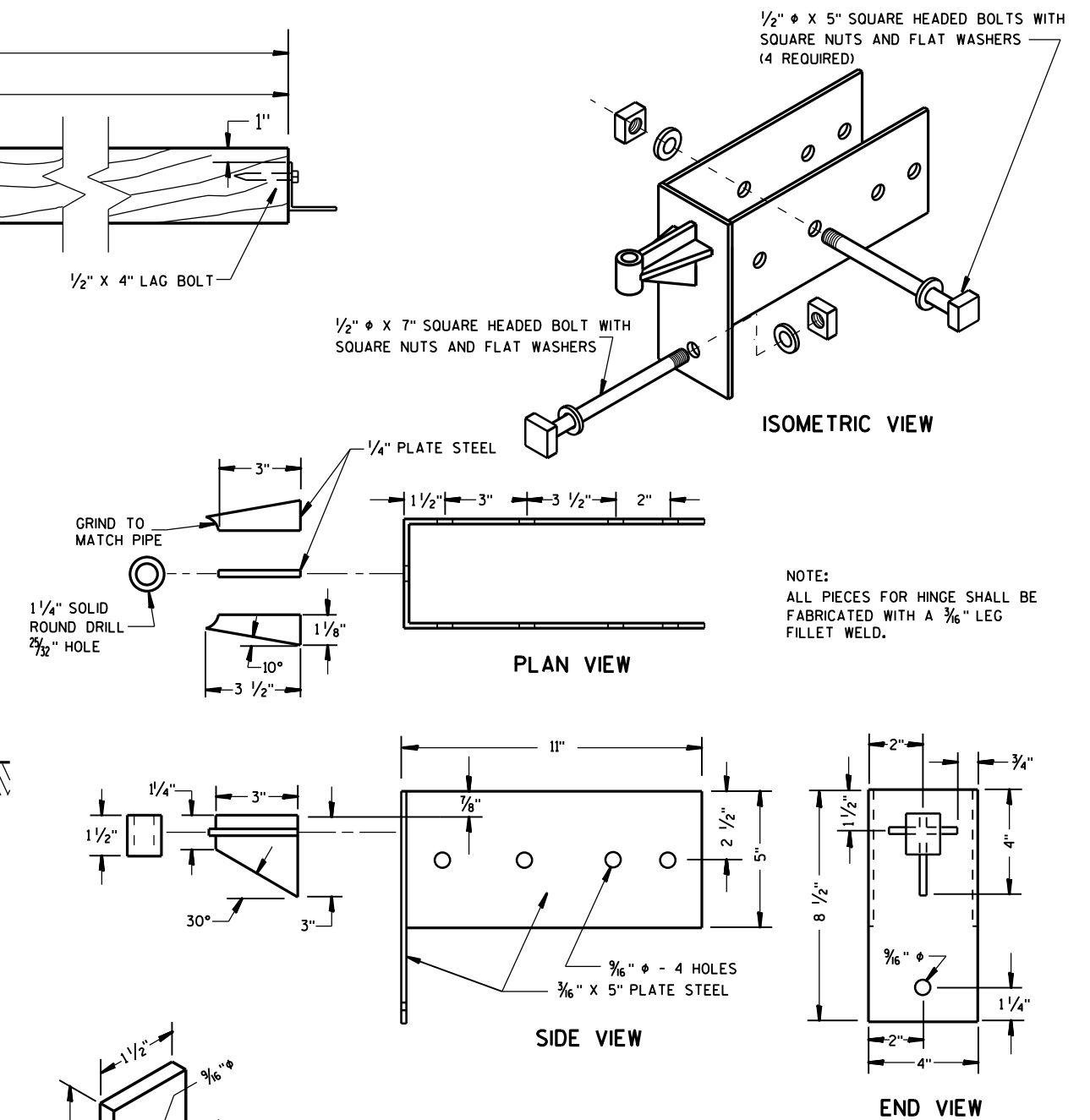
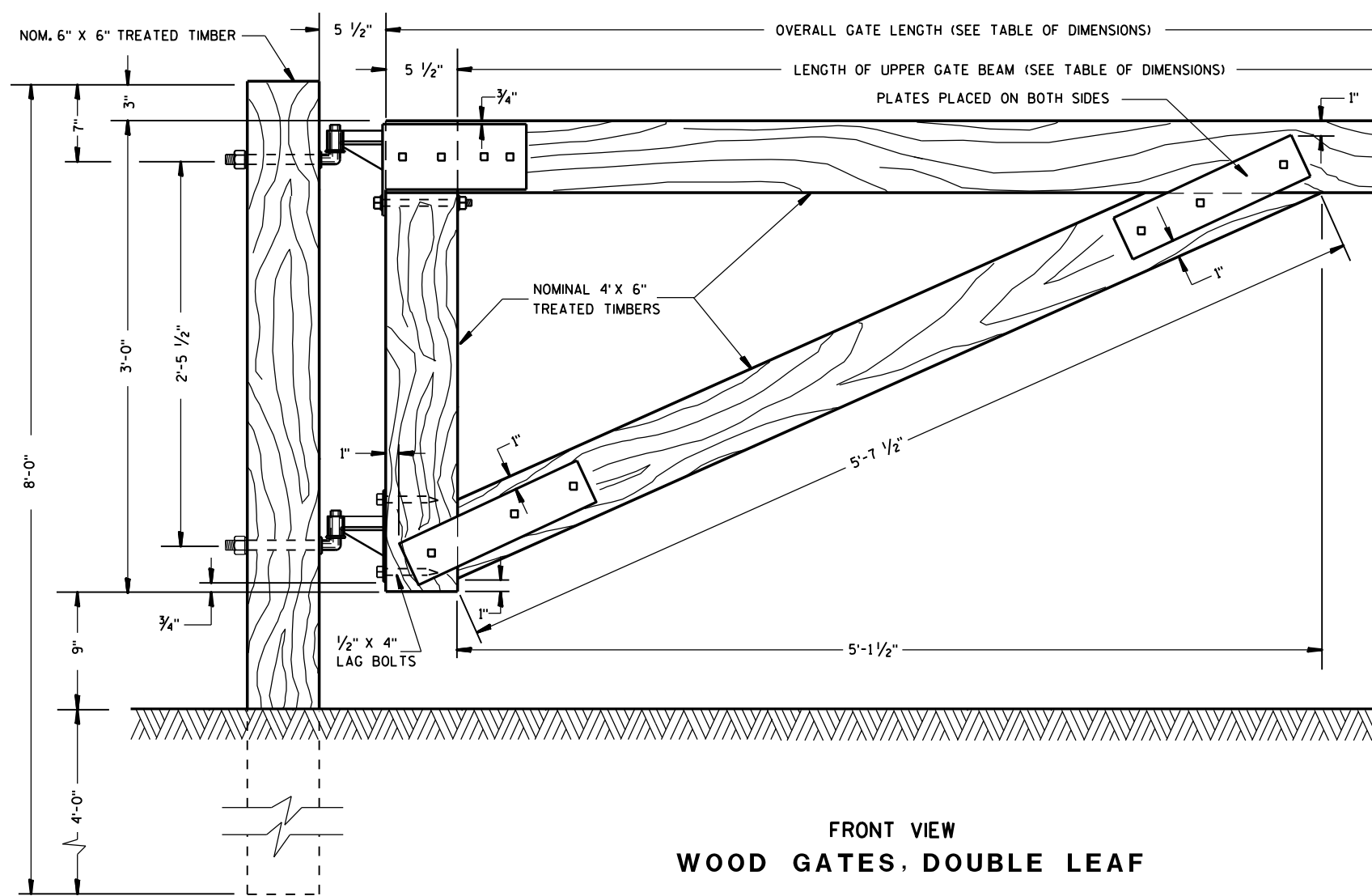
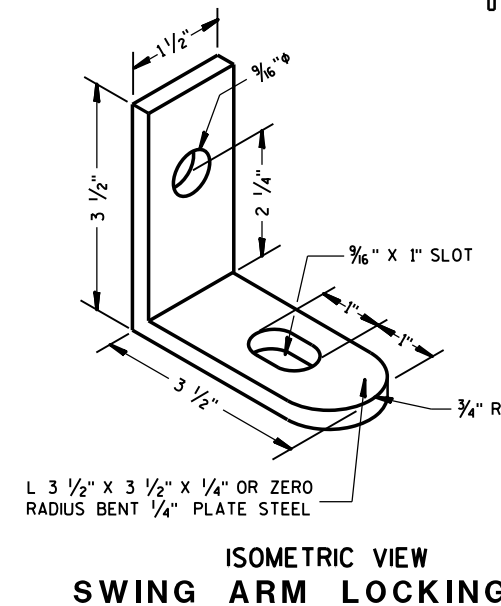
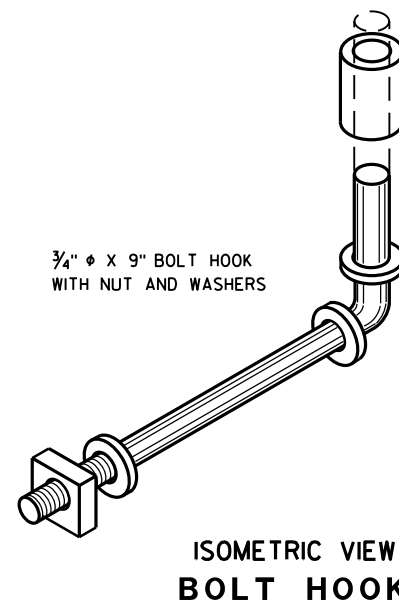
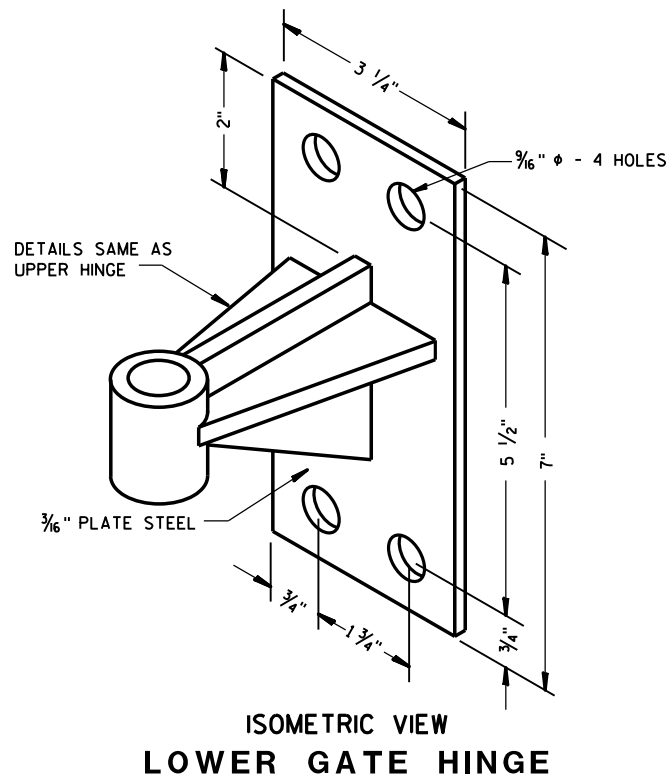




# SDD 15B10-a Wood Gate, Double Leaf



NOTE:  
ALL PIECES FOR HINGE SHALL BE  
FABRICATED WITH A 3/16" LEG  
FILLET WELD.



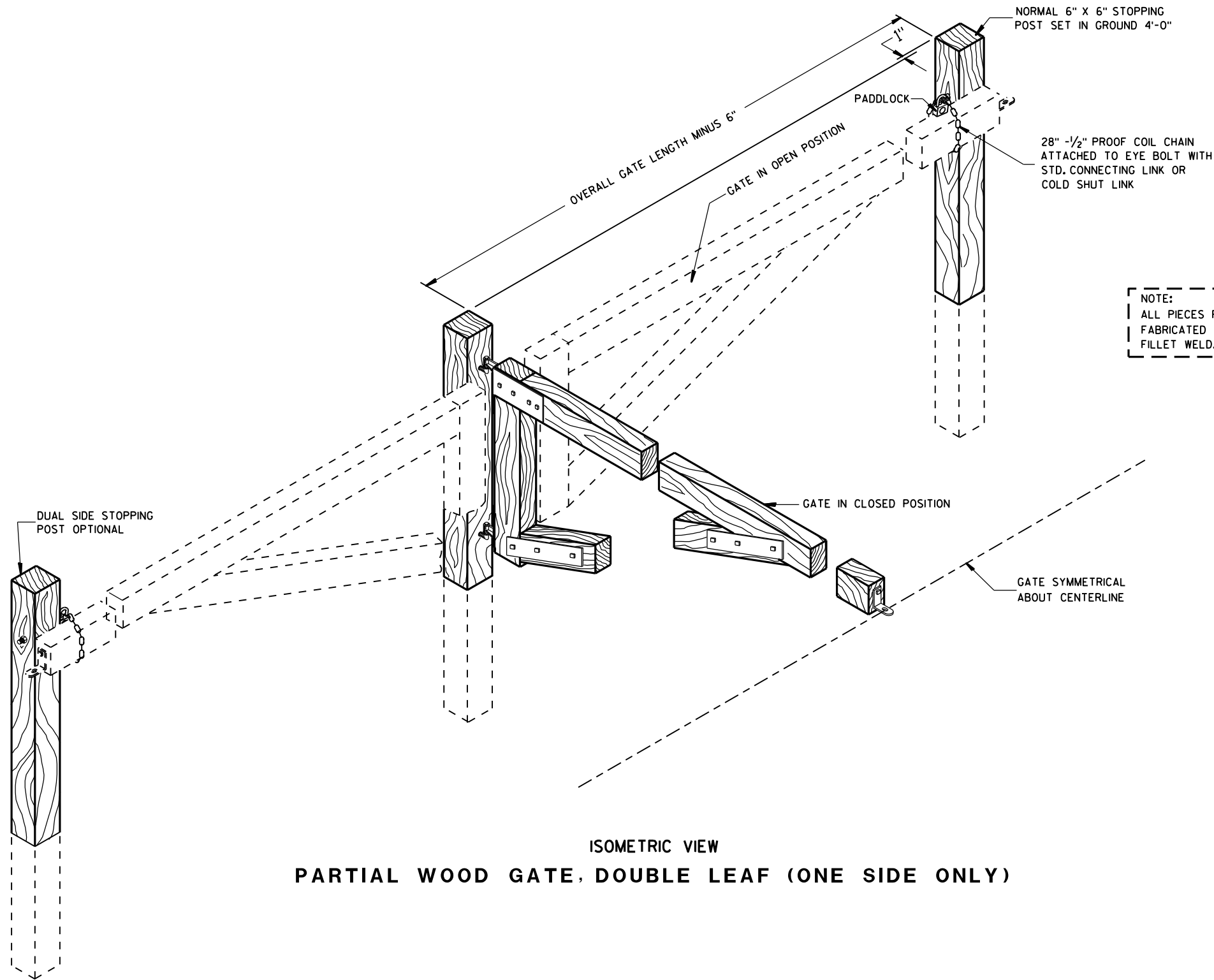
## UPPER HINGE DETAIL ASSEMBLY

WOOD GATE, DOUBLE LEAF

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

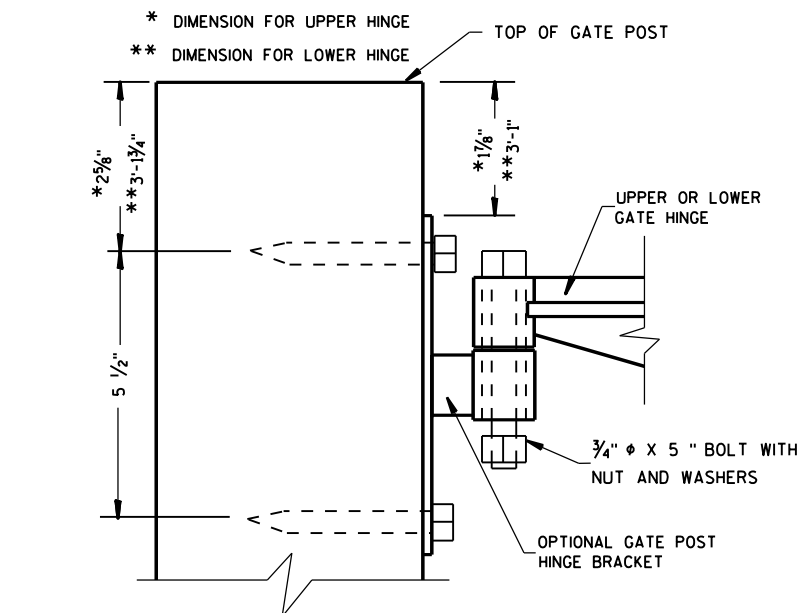


# SDD 15B10-b Wood Gate, Double Leaf

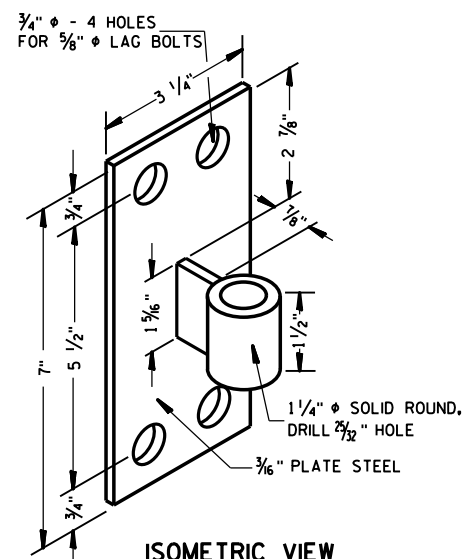


ISOMETRIC VIEW  
PARTIAL WOOD GATE, DOUBLE LEAF (ONE SIDE ONLY)

NOTE:  
ALL PIECES FOR HINGE SHALL BE  
FABRICATED WITH A  $\frac{3}{16}$ " LEG  
FILLET WELD.



SIDE VIEW  
INSTALLATION FOR OPTION B  
GATE POST HINGE BRACKET



ISOMETRIC VIEW  
OPTION B  
GATE POST HINGE BRACKET

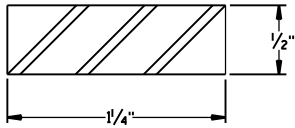
NOTE: TO BE USED IN PLACE OF HOOK BOLT  
FOR A 16' CLEAR WIDTH OPENING ONLY  
(USE ON BOTH UPPER & LOWER GATE HINGE ASSEMBLY)

WOOD GATE, DOUBLE LEAF

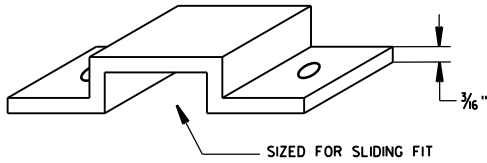
STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION



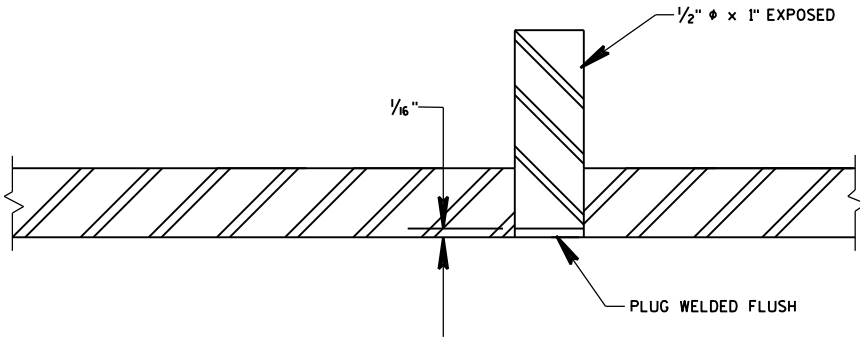
# SDD 15B10-c Wood Gate, Double Leaf



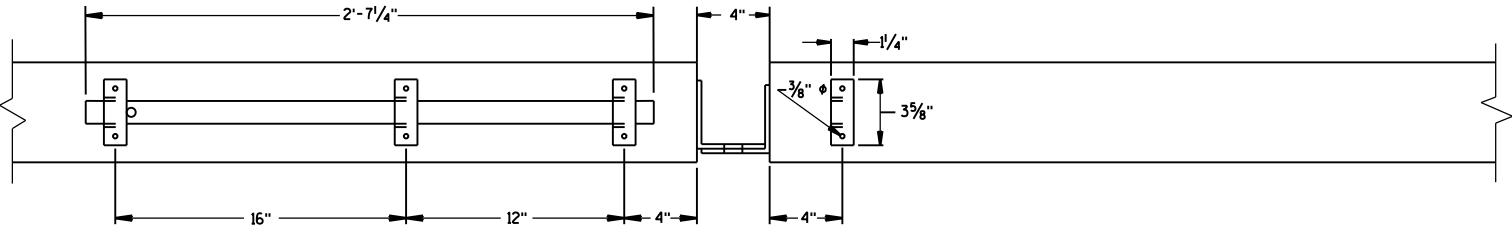
SLIDE BAR CROSS SECTION



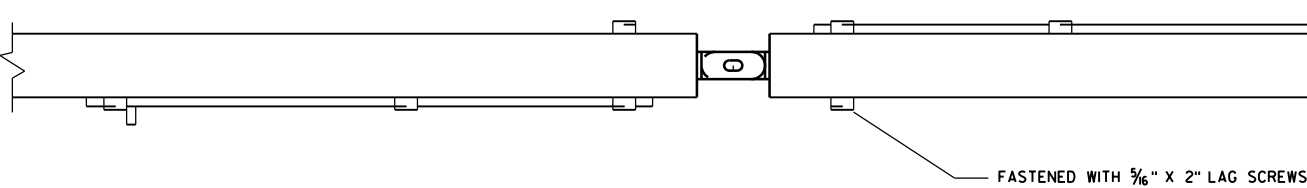
KEYWAY FOR SLIDE BAR  
ISOMETRIC VIEW



SECTION FOR SLIDE PIN ASSEMBLY



ELEVATION VIEW



PLAN VIEW

SLIDE BAR ASSEMBLY FOR GATES GREATER THEN 20'-0"

## GENERAL NOTES

POSTS SHALL BE SET IN GROUND AT THE DEPTH SHOWN, FILLED AND COMPACTED EVERY 6 INCHES WITH ORIGINAL SUBSOIL.

ALL SAW CUTS AND HOLES DRILLED IN TIMBERS SHALL BE TREATED IN ACCORDANCE WITH SECTION 507.2.2.6 AND WOOD PRESERVATIVE SHALL BE SECTION 507.2.3.4 OF THE STANDARD SPECIFICATIONS.

GATE LOCK CAN BE MASTER KEYED AND SHALL HAVE THE FOLLOWING MINIMUM DIMENSIONS: SHACKLE DIA. OF 3/8", VERTICAL CLEARANCE OF 1 1/2", HORIZONTAL CLEARANCE OF 1/2".

ALL METAL SHALL BE PAINTED WITH A ZINC RICH PRIMER AND ONE COAT OF EPOXY FINISH PAINT. A SECOND FINISH COAT SHALL BE FIELD APPLIED AFTER INSTALLATION.

STOPPING POSTS SHALL BE SET AT EACH SIDE AND EQUIPPED WITH LOCKING POST LOCK BAR FOR HOLDING IN POSITION.

ALL TIMBER BRACES AND HINGE ASSEMBLY SHALL BE SHOP FABRICATED.

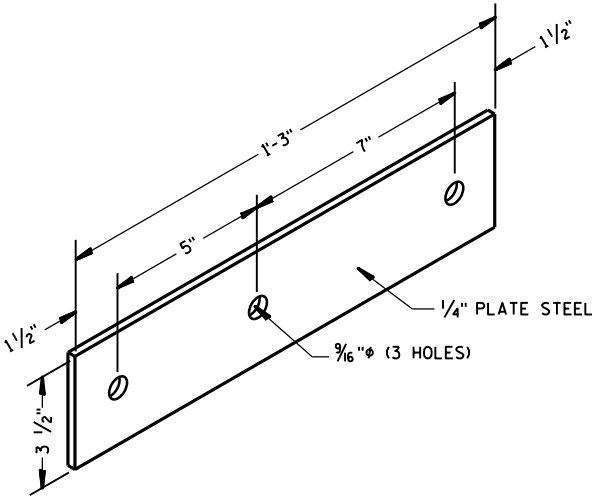
## (TABLE OF DIMENSIONS)

CLEAR WIDTH	DISTANCE BETWEEN POSTS	LENGTH OF UPPER GATE BEAM	OVERALL GATE LENGTH
12'-0"	12'-7"	5'-2 1/2"	5'-8"
14'-0"	14'-7"	6'-2 1/2"	6'-8"
16'-0"	16'-7"	7'-2 1/2"	7'-8"
18'-0"	18'-7"	8'-2 1/2"	8'-8"
** 20'-0"	20'-7"	9'-2 1/2"	9'-8"
** 24'-0"	24'-7"	11'-2 1/2"	11'-8"
** 28'-0"	28'-7"	13'-2 1/2"	13'-8"
** 30'-0"	30'-7"	14'-2 1/2"	14'-8"
** 32'-0"	32'-7"	15'-2 1/2"	15'-8"

\*\*FOR A 20' AND UP CLEAR WIDTH OPENING - HINGE BRACKET (OPTION B) IS TO BE USED INSTEAD OF THE BOLT HOOK, AND HINGE POST SHALL BE AT A MIN. DEPTH OF 6'-0" AND SLIDE BAR ASSEMBLY SHALL BE USED.

## DESIGN NOTE:

GATE SIZE SHALL BE SPECIFIED AS THE CLEAR WIDTH OF OPENING.



ISOMETRIC VIEW  
UPPER AND LOWER SPLICE PLATES

WOOD GATE, DOUBLE LEAF

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

APPROVED

1/5/94  
DATE

/S/ Rory L. Rhinesmith  
CHIEF METHODS DEVELOPMENT ENGINEER

FHWA

*Wood Gate, Double Leaf***References:**

NONE

**Bid items associated with this drawing:**ITEM NUMBERDESCRIPTIONUNIT

NONE

**Standardized Special Provisions associated with this drawing:**STSP NUMBERTITLE

NONE

**Other SDDs associated with this drawing:**

NONE

**Design Notes:**

NONE

**Contact Person:**

Andrew Heidtke (414) 220-6802